

#5/R Amct A  
2/11/02  
C. McKinney

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of  
Kittaka

Serial No. (not assigned)

Examiner (not assigned)

Filed concurrently herewith

Art Unit (not assigned)

For OPTICAL DEVICE AND SPECTROSCOPIC AND POLARIZATION  
SEPARATING APPARATUS USING THE SAME

Assistant Commissioner of Patents  
Washington, D.C. 20231

## PRELIMINARY AMENDMENT

Dear Sir:

Prior to calculation of the filing fee, Applicant wishes to amend the application  
as follows:

In the Claims:

Please amend claims 18-27 as follows (a marked up version of claims 18-27  
being appended hereto):

18. An optical device according to Claim 14, wherein said coupled band is a second  
coupled band from a lowest-order band.

19. An optical device according to Claim 14, wherein a condition given by an  
expression:

$$\cos 60^\circ \leq k_s \cdot \lambda_o / (2\pi \cdot n_s) \leq \cos 20^\circ$$

is satisfied.

20. An optical device according to Claim 14, wherein said  $k_s$  satisfies a condition: